

19971017.qrp v00_n881.qrs.971017

Date: Fri, 17 Oct 1997 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 881

QRP-L Digest 881

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by timcook@erinet.com
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by "Michael Connor" <mikec@primenet.com>
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- 12) [28951] JOTA 1X1 call is W1T this weekend
by SEAB&SHARON LYON <SSLYON@worldnet.att.net>
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by Wayne Alexander <walexander@wwn.net>
- 14) [28953] Re: E-mail problems
by Norm Melick <henmel@worldnet.att.net>
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- 16) [28955] Re: Bad Solder, DX
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 17) [28956] Fox!
by Jerrydeen@aol.com
- 18) [28957] TV repair
by "Junius B. Fox" <w5hir@mail.phoenix.net>
- 19) [28958] FOX: Ah, the taste of Foxburger...

by Joe Gervais <vole@primenet.com>
20) [28959] FOX files are there! Catch a wav!
by Jess Gypin <jessqrp@concentric.net>
21) [28960] Fox - What a hunt
by kb0rol@juno.com (Bradley L Mugleston)
22) [28961] 10 M AM !
by ROYGREGSON@aol.com
23) [28962] Re: FOX: Ah, the taste of Foxburger...
by Paul Harden <pharden@aoc.nrao.edu>
24) [28963] Another Pixie II is soon to be on the air!
by "Basil (Darin) Arrick" <basila@OnRamp.NET>
25) [28964] RE: NY/NJ a black fox hole?
by n4js@amsat.org
26) [28965] Fox: I missed NR3Z fox report
by Jack Meadows <jackmead@getnet.com>
27) [28966] MMIC source?
by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
28) [28967] Re: Fox: I missed NR3Z fox report
by Martin Squicciarini <skitch@resuba.com>
29) [28968] NOT color blind, just "chromatically challenged"
by Peter_Simpson@3com.com
30) [28969] JOTA 1997
by John Bates <batesjw@netspace.net.au>
31) [28970] FOX 8-{ NOT
by Bill Myers <bjmyers@arc.net>
32) [28971] Pacificom Hams-What's the Kit???
by Gary M - W2UX <MAIL4GARY@worldnet.att.net>
33) [28972] Sept issue of QRPp out yet?
by hysell@runner.ko.kodak.com (John D. Hysell)
34) [28973] FOX 8-{ NOT
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
35) [28974] Re: Bad Solder, DX
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
36) [28975] Re: More Info on the Pole
by Arjen Raateland <Arjen.Raateland@vyh.fi>
37) [28976] First FOX!
by "David Maliniak" <dmaliniak@penton.com>
38) [28977] Another QRP call is born
by Chris Cartwright <ccart@dns.vidtel.com>
39) [28978] QRPp
by Jerry Parker <jparker@fix.net>
40) [28979] FS: OMNI V
by k1oj@swbell.net
41) [28980] Re:Bad Solder
by Randy Hargenrader <randyh@harksystems.com>
42) [28981] New Fox Team
by David Bixler W0CH <qrp@netins.net>
43) [28982] Re: New Fox Team

by Chris Cartwright <ccart@dns.vidtel.com>
44) [28983] FS:New Butternut HF9V/CPK Kit
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
45) [28984] Colorado QRP FD
by bcutter@teal.csn.net (Bob Cutter)
46) [28985] WTB
by David Adams <adamsclan@netgate.net>
47) [28986] Call Sign Assignment
by Brad Mugleston <bmug@gw1.com>
48) [28987] Email Problem G-QRP
by Allen Jones <ajones@adsnet.com>
49) [28988] Re: Ah, the taste of Foxburger...
by "Michael A. Gipe" <mgipe@reliablemeters.com>
50) [28989] Cloud Burners
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
51) [28990] Gap antennas
by Bob White <bobwhitewo3b@geocities.com>
52) [28991] RE: NiMH charging?
by Philip Karras 827-2956 <PXX4@CDRH.FDA.GOV>
53) [28992] on the air and hooked!
by Brad Mugleston <bmug@gw1.com>
54) [28993] NEW QRP Product at <http://www.elecrafter.com>
by "Eric Swartz (WA6HHQ)" <erics@cruzio.com>
55) [28994] Field Day '97 Results
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
56) [28995] Fox: At Last!!
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
57) [28996] tek 561a scope info
by "Adam B. Kanis" <adam-kanis@uiowa.edu>
58) [28997] Re: Field Day '97 Results
by "Marshall Emm" <mgemm@mtechnologies.com>
59) [28998] Callsign Assignments
by n4so@juno.com (charles k brown)
60) [28999] Re: Callsign Assignments
by "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
61) [29000] W5FN FOX Report - Long
by tahrens1@juno.com (Timothy H Ahrens)
62) [29001] Pixie II - Surface mount
by "Bob Kellogg" <ae4ic@nr.infi.net>
63) [29002] Re: W5FN FOX Report
by Vic Rosenthal <rakefet@rakefet.com>
64) [29003] Fox: At Last!!
by "W. D. Lindsey" <70511.3041@compuserve.com>
65) [29004] How do you clean your aluminum ant elements?
by "Kevin F. Glynn" <kfglynn@prodigy.net>
66) [29005] Fall QSO Party Teams
by camqrp@cyberg8t.com (Cam Hartford)
67) [29006] Re: FOX 8-{ NOT

by "W. D. Lindsey" <70511.3041@compuserve.com>
68) [29007] 49er
by Dan Hogan <dhhogan@lightside.com>
69) [29008] Re: NEW QRP Product at <http://www.elecrafter.com>
by "S. Lee" <slee@u.washington.edu>
70) [29009] JOY OF QRP Orders -- WOW!
by Adrian Weiss <aweiss@sunflowr.usd.edu>
71) [29010] Home...
by "Larry Wise KA5T" <lewise@inetport.com>
72) [29011] Re: W5FN FOX Report
by n4js@amsat.org
73) [29012] QRP++
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
74) [29013] 38S mods
by Ronald Hands <rhands@hwcen.org>
75) [29014] FS: Omni V
by "Owen 'OJ' Quarles" <k1oj@swbell.net>
76) [29015] PIN diode info
by gsurrency@juno.com (Gary L L Surrency)
77) [29016] Re: JOY OF QRP Orders -- WOW!
by Chris Cartwright <ccart@dns.vidtel.com>
78) [29017] Re: JOY OF QRP Orders -- WOW!
by Chris Cartwright <ccart@dns.vidtel.com>

Date: Thu, 16 Oct 1997 16:05:14 -0700
From: Jack Reed <jmreed@srp.gov>
To: "\"Low Power QRP-L\" <qrp-l@lehigh.EDU>" <qrp-l@Lehigh.EDU>
Subject: [28940] QRP ARCI Fall QSO Party - This Weekend!
Message-ID: <9710162305.AA31034@srp.gov>

Date: Thu, 16 Oct 1997 16:20:53 -0700
From: n5inz@juno.com (John M Andrews)
To: qrp-l@Lehigh.EDU
Subject: [28941] Austin QRP & Product Review
Message-ID: <19971016.162305.3198.7.N5INZ@juno.com>

Howdy from San Antonio:

The last meeting of the Austin QRP club went off very well. Lots of show

and tell,door prizes, good brain-storming.

Looks like we may even end up with a club project.....Details would as yet be premature....lots of stuff to work out but these boys are *bright*. I'm sure it will be a honey.

I was one of the winners of a door prize. Great product. Aluminum project box about 5.5W x 4.0H x 6.0D. Nice natural finish and ready to be painted. Good fit/hardware(screws)included. The marked price blew me away....\$8.50!

I don't know anything about the mfgr. but he may have other sizes at similar prices. BTW- This is a "cowl" type box.

J.R. Enterprises

JR Adams- KB5MER

PO Box 573

Leander, Tx 78641

512.267.7385

Tell him the Austin QRP Club sent you.

If you happen to be in the area, join us in November. Time, place, and date to be announced.

72, John- N5INZ

Member- Austin QRP Club

"Serving QRPers in Southern Texas"

Date: Thu, 16 Oct 1997 19:42:42 -0400

From: timcook@erinet.com

To: QRPL <qrp-l@Lehigh.EDU>

Subject: [28942] WTB: OHR-400/Sierra

Message-ID: <3446A672.3271@erinet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Looking for a OHR-400 or a Wilderness Sierra. If you have one please email direct. Thanks

Tim

NZ8J

Date: Thu, 16 Oct 1997 17:01:45 +0000

From: Roger Hightower <n7kt@dancris.com>
To: qrp-l@lehigh.edu
Subject: [28943] E-mail problems
Message-ID: <34464879.78BF@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sri for the bandwidth, but my Netscape Navigator Mail has crashed twice in recent days. An "invalid page fault" occurs when W8VQ (I think that's right) posts, due to a really old date in his header.

W8VQ, if you're reading this, check your date. The mailer shows a 1938 year, which makes Navigator lock up. A date that old usually means that your PC/Laptop internal battery is dead.

Thanks/73...Roger

--

72/73, de Roger, N7KT
AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Thu, 16 Oct 1997 17:12:46 -0700
From: "Michael Connor" <mikec@primenet.com>
To: "QRP List" <qrp-l@lehigh.edu>
Subject: [28944] FOX: Monday Night
Message-ID: <01bcda91\$652555f0\$202144c6@mike.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Greetings Compadres,

I'm posting this early for the benefit of the digesters as I'll be at Pacificon all weekend (yes!)...

FOX : Monday 0200-0400 Oct. 21 UTC

QTH: Phoenix, AZ

RIG: OHR400 @ 5W

I'll start out around 7.038 +/- but may slide up to 7.042 depending on QRM. Spread 'em out boys and girls; it is my sincere intent to work ALL

of you.:-) RIT will be active:-)

May the Propagation God of your choice smile upon you. And me.:-)

Mike
NQ7K
AZ ScQRPions

Date: Thu, 16 Oct 1997 19:00:36 -0500
From: "STUART B.D.HUNT" <stuart001@ameritech.net>
To: jmg@tntech.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28945] Re: SGC-QRP+++
Message-ID: <3446AAAA.235A@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jeff M. Gold wrote:

>
> All,
>
> What is the opinion of this wise body about the new improved version of
> the QRP++. Has anyone been adventurous and left an order?
>
> What will really be the differences between it and the QRP+++
>
> thanks
> Jeff, AC4HF
> --
> Jeff M. Gold, Manager
> Academic Computing Support
> Tennessee Technological University
> (615)372-3979

I talkrf to Bruce Franklin the other night and he said that the receiver is great...unbiased opinion of course , he's the designer! I'D be interested in knowing . BTW he said that there are enough orders that it would take a couple of months to get one if you order now. Prabably reflects on the rate of production.

Stu KB9NAE

Date: Thu, 16 Oct 1997 18:18:41 -0600
From: "Phil, K6LS" <k6ls@amsat.org>
To: n7kt@dancris.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28946] Re: E-mail problems
Message-ID: <3446A0D0.DE8FE87D@amsat.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Roger Hightower wrote:

> Sri for the bandwidth, but my Netscape Navigator Mail has crashed twice
> in recent days. An "invalid page fault" occurs when W8VQ (I think
> that's right) posts, due to a really old date in his header.

You sir are NOT alone! happened to me just yesterday... could not figure out the problem and the FAQ's at netscape wasnt much help.

MY solution was to go and get an updated version of netscape (now Netscape Communicator, was Navigator Gold) what a change this is, am trying to customize and adjust. Who'd thought that something like a poor date would cause such problems.

Any Ideas on how to delete that 1 message? have about 20 un-read messages that I cannot access now...

--

73 de Phil, K6LS/0
QRP-L #612 NorCal #824
CQC #471 ARCI #8866
k6ls@qsl.net <or> k6ls@amsat.org
DM79or, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
<http://www.qsl.net/k6ls>

Date: Thu, 16 Oct 1997 19:48:44
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [28947] TV Repair

Message-ID: <3.0.1.16.19971016194844.2c071de6@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I'm glad Len found a TV guy who knows what he's doing.

I try to pay my rent fixing TV's and such, and I'll tell you, 80% of my repairs are bad solder connections. It's a combination of poor wave soldering, (or tin depletion in the solder used), minimal QA inspection (if it works, ship it) and the stress of shipping. Heat cycling finishes the job over time.

When a swift kick fixes the problem, you know you have bad connections. Most are obvious, but not always. If it looks iffy, resolder it.

If you own a RCA or GE TV made in the last 5-6 years, it is very likely to develop problems due to bad solder connections. The problem stems from solder not sticking or stress cracking connections to metal shields used to jumper ground connections around the board. Very poor design. (the tuner area has the most trouble)

BTW, a shorted voltage regulator will cause the set to shut down if the line voltage is high. If it is open, the picture tends to shrink or go out of sync if the line voltage drops. Other common problems are blown-up switching supplies, bad Vertical output chip, bad alum electrolytics and finally random failures anywhere else.

However, remeber that there are NO user sevicable parts in your consumer electronics and all repairs MUST be refered to a qualified repair center. (or buy a new one, which is REALLY what *they* want you to do.)

73,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 16 Oct 1997 19:02:34 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [28948] FOX Chat and web page.
Message-ID: <3446B92A.243E@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I have removed the large 4.5 me audio file from the web page and just left the one file from a week ago and the one file that I got from Tuesday night.
Just remember that the Fox Chat Room is the place to be! Be there or be square!
Best!

--

Jess N0TFI <><
<http://www.concentric.net/~jessqrp>
qrp-1 #1232 CQC #92 1997 Fox

Date: Thu, 16 Oct 1997 18:23:30 +0000
From: Roger Hightower <n7kt@dancris.com>
To: qrp-1@Lehigh.EDU
Subject: [28949] Re: E-mail problems
Message-ID: <34465BA2.1F99@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've had a number of responses about lost e-mail similar to mine.

Here's what you do, if you're using Netscape Navigator:

Quit Netscape and log off your ISP.

In Windows Explorer, go to Netscape Navigator Mail and rename Inbox to Inbox.txt. Rename Inbox.snm to Inbox.old.

Now you can open Inbox.txt in any text editor. Look for an invalid date in one of the messages. You can either delete that message or change the date to a current date. (The date shown will be really old, or may even be a future date)

Save the file as OLDBOX. Restart Netscape Navigator. Your inbox will be rebuilt, and you will see a new folder called oldbox. You should be able to read mail in that folder. If not, you can still use the text editor to do it. Your new Inbox will have any new messages received.

Good luck...the mail isn't lost, it just needs to be converted to text.

--

72/73, de Roger, N7KT

AK-QRP 167, ARCI 8946, CQC 176, GQRP 9081, NE-QRP 383, NORCAL 1099,
QRP-L 62

Date: Thu, 16 Oct 97 21:49:43 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@lehigh.edu
Subject: [28950] Bad Solder, DX
Message-ID: <199710170150.VAA58518@nss4.cc.Lehigh.EDU>

Steve "Melt Solder" is 100% correct... Another example of bad solder...

Many moons ago I worked for a very-high-end audiofile equipment manufacture. My job was to do final assembly of their handmade stereo equipment: cassette tape machines, speakers, etc. This was their top-of-the-line stuff. Everything was done by hand.

You would *NOT* believe the number of boards I just out-and-out rejected. You would assume that they would hire "top-of-the-line" techs to hand make their top-of-the-line hand-made equipment. Not so, some of them were fresh out of tech school and were not bad, most thought a soldering could also double as a knitting tool.

Anyway, I only worked there a few months, and then gave up. The company still makes (near) audiofile equipment, but certainly not handmade stuff anymore.

OBQRP: I see Chuck has also discovered that 17 meters has been pretty wide open these days. Last week I reported that there was an over the pole opening from New England to Japan for a few days. Today, (Thursday, in the USA) 17 was again open to Japan, but NOT over the pole. I heard every US call area except W6 working JA's on 17 meters and the JA's had SOLID 579 signals here in MA.

Only problem: The window from JA to New England closes (tight) at 2200z. Likewise the rest of the USA to N.E. also closes up, so I have no idea if any other stations are still working JA after 2200z.

Also note: There has been a South Korea station lurking on the low end of 30 meters around 2100-2200 ... give a listen, you might be able to work him... I have not been lucky enough yet.

/joel wa1qvm

Date: Fri, 17 Oct 1997 01:56:21 +0000
From: SEAB&SHARON LYON <SSLYON@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [28951] JOTA 1X1 call is W1T this weekend
Message-ID: <19971017015620.AAA643@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Subject: JOTA 1X1 call is W1T this weekend
>
>Greetings, all. I'll be helping the JOTA crew here in Bethel, CT
>operating batt. pwr in Putnam Park. I'll be announcing bands & time
>slots for QRP-specific operation, so stay tuned. Call will be W1T.
>72 =s=
>
"Seab" Lyon -- AA1MY
Bethel, CT; USA FN-31-HJ
ARCI #9253; QRP-L # 574
ARRL; QCWA; Pres. of
Candlewood A.R.A.:
<http://www.danbury.lib.ct.us/org/cara>

Date: Thu, 16 Oct 1997 21:11:14 -0500
From: Wayne Alexander <walexander@wwn.net>
To: qrp-l@lehigh.edu
Subject: [28952] FOX?
Message-ID: <3.0.3.32.19971016211114.006a3180@pop.wwn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Where is the Fox? I must be too close too him. Band must be long.
KB0PTE
Wayne

Date: Thu, 16 Oct 1997 20:07:26 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: n7kt@dancris.com
Cc: qrp-l@Lehigh.EDU
Subject: [28953] Re: E-mail problems
Message-ID: <3446D66E.2F25@worldnet.att.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> W8VQ, if you're reading this, check your date. The mailer shows a 1938
> year, which makes Navigator lock up.

Roger is correct. My Netscape e-mail just crashed again. What I did
was this.

1. I opened up the netscape file "Inbox" in the netscape\mail
directory. NOT Inbox.SNM. Just "Inbox", with no extension.
2. Found the piece of mail dated "..., 1938" in the header.
3. Changed the date line to todays Month, Day and Date.
4. Saved the file
5. Re-ran netscape. Everything was fine.

ONE THING. When you open up the file "Inbox", your word processor will
ask you to convert to an ascii format. I said No. In other words, do
not change formats. Just get in, change the Month, Day and Date line,
and get out.

Hope this helps.

Norm

Date: Thu, 16 Oct 1997 23:08:16 -0400 (EDT)
From: Rich Mulvey <mulveyr@frontiernet.net>
To: WBONZM@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [28954] Re: Ramsey Receivers
Message-ID: <199710170308.XAA10832@ll.aa2ys.ampr.org>
MIME-Version: 1.0
Content-Type: text/plain

WBONZM@aol.com wrote:

> Does anyone have any experience with the simple receivers for 80, 40,
> 30, and
> 20 meters?

Well, if stability, front-end filtering, and general usability aren't
important, go for it. If, on the other hand, you want a kit that
actually works, get a Ten-Tec. :-)

- Rich

--

Rich Mulvey
mulveyr@frontiernet.net
http://www.frontiernet.net/~mulveyr
Amateur Radio: aa2ys@amsat.org, aa2ys@wb2wxq.#wny.ny.usa
Rochester, NY USA

Date: Thu, 16 Oct 1997 23:14:57 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Joel Malman <malman@BBN.COM>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28955] Re: Bad Solder, DX
Message-ID: <Pine.GS0.3.96.971016230929.13747A-1000000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It isn't just the flow solder etc.

I had a Collins KWM2 a number of years ago. It had an intermittent problem.

I was determined to figure it out. I checked every solder connection....I couldn't believe my eyes...after seeing very nice work. I came across a tube socket with several wires attached to one of the pins. It wasn't a bad solder joint. It was total absence of solder !
Here was a top of the line rig with great quality control.
Great but not perfect.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Thu, 16 Oct 1997 23:15:35 -0400 (EDT)
From: Jerrydeen@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28956] Fox!
Message-ID: <971016231300_-192335548@emout04.mail.aol.com>

Wow this is really fun!! My first experience at this. As big a thrill as contacts when a novice, and as much fun as working DX. Thanks Tim for tonight, and Jack for Tuesday night adventure!! You guys made an old guy happy!!!
72, 73 Jerry WB0T . .

Date: Thu, 16 Oct 1997 22:18:28 -0500
From: "Junius B. Fox" <w5hir@mail.phoenix.net>
To: qrp-1@Lehigh.EDU
Subject: [28957] TV repair
Message-ID: <3.0.1.32.19971016221828.00e7e8b8@mail.phoenix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is an insight into solder problems rather than just TV repair. At NASA-JSC where I used to work as a Reliability/Quality Assurance Engineer, we were faced with "cold" solder joints coping up in various pieces of hardware. This was , to say the least, intolerable. Why were joints becoming unstable.. what we found was, that components with some amount of weight, would pull against a solder joint until it failed. We in the Reliability department researched the problem. The research revealed that the British had known about solder joints for almost a hundred years. Their Milk cans would begin to leak at the solder joint. Metal experts found that solder has a very poor creep strength. The result caused a revision in all soldering. It was mandatory that there must be a "good" mechanical connection between the part and the joint. Where the commercial problem lies in in the mechanized population of parts on the boards and wave soldering them. The mechanical insertion does NOT form any mechanical connection to speak of between the component and the pad.

Sorry about the bandwidth, but I think that anyone who is going to build a piece of hardware should take care to try and make a mechanical connection before applying the solder. 'nuff said Amen

foxy
w5hir@mail.phoenix.net

"success is recognizing a dead horse and burying it with the least ceremony"

Date: Thu, 16 Oct 1997 21:01:17 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [28958] FOX: Ah, the taste of Foxburger...
Message-ID: <199710170401.VAA05649@usr09.primenet.com>

Howdy Folks,

Ah what a sweet night for Team AB7*T*. First I hear Bob (AB7ST) bag the Fox early on, then Randy (AB7TK) catches him, and finally little ol' moi gets a rcvr full o' Fox fur. Clean Sweep! Thanks Tim! Hey you Aluminum Amoebas, watch your back. The Spudboys of AB7*T* are nippin' at your heels! (Wonder how the Buffalo Gang and the Old Timers did....)

Also a good night for AZ - heard Floyd (NQ7X) work him right off the bat, then Kent (AB70A), Gary (AB7MY), and Dan (N7VE). Kent surprised me by being a solid 559 at my QTH when he got a bite o' Foxburger. The new rig and antenna are working, Kent. ;-) Figure AZ bagged at least 8 pelts tonight. Wahoo!

KU7Y, K1MG and WE6W get the 599+ Award in my shack. Yeeks - what the heck are you guys using? Couldn't have been aluminum. Must've been sneaking a neighbor's copper antler.... :-)

Anyone know where NA5N was in NV? En route to Pacificon, of course, but wasn't sure if he'd stopped by Ron's QTH to borrow an antler....

Too much fun - thanks again Tim! Hope the rest of you bagged your limit tonight. Time to go empty the dishwasher and do some paperwork. Ah, suburban bliss. :)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Thu, 16 Oct 1997 22:48:05 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [28959] FOX files are there! Catch a wav!
Message-ID: <3446EE05.6BFC@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Got lucky tonight, not only did I work the fox, but recorded the exchange too! All of the WAV files are on the new and improved Unofficial Fox Audio File Web Page. I even reecorded K8DD for history. He just happened to be logged in to the chat room at the same time that I caught him in a WAV. I sent the file to him in an Email and he heard himself work the Fox about 5 minutes after he got him! Too cool!

There is a new look to the page. This has been fun but a lot of late work to upload the files the smae night of the hunt. Let me know if you are using them! Feedback Please! Check it out! The files are some of the best yet and all are about 400-600k so should not take long to download. Enjoy!

We had quite a crowd on the Fox Chat room tonight, it was a blast! Check it out!

Best 72

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp>

qrp-1 #1232 CQC #92 1997 Fox

Fox Page at <http://www.qsl.net/NOTFI>

Date: Fri, 17 Oct 1997 00:58:56 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-1@Lehigh.EDU
Subject: [28960] Fox - What a hunt
Message-ID: <19971016.214641.7735.1.kb0rol@juno.com>

Gang,

It was a strange one, I was looking for Jess, K5FN of Colorado, I thought he would be too close for 40M but thought I'd listen to the hounds. I could hear K5FN but not much else, heard a lot of TX's and Tim's but no Jess or CO's. I was getting very confused.

I ran upstairs to check the schedule again. Yep, got it all mixed up I

should be looking for K5FN, Tim in Texas - had him all along. 8-)

Well I sent my call when I could hear him, lots of QSB, he was there then gone. When Tim was there I usually couldn't hear the other side if the exchange or I'd hear the other side but no Tim.

Finally Tim started coming in better - well at least he was consistent so I tried my call and finally he came back to me - I love this game.

Thanks Tim, you sounded like you were working them solid all evening.

de KB0ROL, Brad

Date: Fri, 17 Oct 1997 01:46:15 -0400 (EDT)
From: ROYGREGSON@aol.com
To: k5hgb@flash.net
Cc: qrp-1@Lehigh.EDU
Subject: [28961] 10 M AM !
Message-ID: <971017014613_794932322@emout09.mail.aol.com>

Been reading the mail on the 10 meter AM freq, and just remembered that 28.880 was used at one time, I think during the last cycle. Could be wrong, but that freq came up from deep in the memory bank, maybe it was for something else. Been some activity on 10 FM, and would you beleive it, lots of stations on 10 CW at the low end, below 28.060. Getting to sound like several years ago. Need to dig thru storage and find my converted CB for 10M SSB, and the 10 FM conversion !
Have fun C-U there ! Roy

Date: Fri, 17 Oct 1997 00:52:44 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Joe Gervais <vole@primenet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28962] Re: FOX: Ah, the taste of Foxburger...
Message-ID: <Pine.SOL.3.91.971017004337.5957A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 16 Oct 1997, Joe Gervais wrote:

>

> KU7Y, K1MG and WE6W get the 599+ Award in my shack.

^^^^

Yes, I agree. Ron sported the strongest signal I think I have ever heard on the ham bands under any circumstances.

>

> Anyone know where NA5N was in NV? En route to Pacificon,

> of course, but wasn't sure if he'd stopped by Ron's QTH

> to borrow an antler....

>

Yes, NA5N (i.e., *me*), was/is in Nevada, enroute to PacifiCon. I flew into Reno wednesday afternoon to visit Ron KU7Y, and having a good visit so far. He worked Tim with one watt using his brand new tower and beam, which is an impressive installation. So I could not refuse the temptation to work the fox using those new antlers. But I was honest, I send "NV" as the QTH, and the FOX replied I had one great signal for being mobile! Ron and I were so embarassed, we had to grab a steak at the Sizzlers down the street afterwards :-)

CU at PacifiCon sometime tomorrow afternoon/early evening.

PS - Great job at being the FOX, Tim. Good signal in NV.

72, Paul NA5N/5/7/6/QRP

(That will cover me until monday return to NM)

Date: Fri, 17 Oct 1997 02:48:17 -0600

From: "Basil (Darin) Arrick" <basila@OnRamp.NET>

To: qrp-1@Lehigh.EDU

Subject: [28963] Another Pixie II is soon to be on the air!

Message-ID: <199710170746.CAA14275@mailhost.onramp.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

OK. Call me impatient. I finally got my first paycheck from my new job. So, I went out, and bought parts to build a Pixie II (I understand that HSC is temporarily out of stock of the kits). It is now about 95% complete. But, I have a couple of questions:

1) What band will the Pixie II work on? I know about 80 and 40. What about 30m? You just change the crystal and the coil in the matching network, right? Any other band options?

2) I thought there was an improved matching network for it. Can someone give me the specifics for both 80 and 40 (and 30 if you have it)?

3) I've seen schematics using 2N3904s or 2N2222s. Is there a preference? Why? (I'm new at kit building, so this is a vary basic question, I'm sure.)

4) I picked up some random crystals at the parts store: a 3.579MHz colorburst, a 7.159090MHz, and a 10.1376MHz. These should all be options, right?

5) Any way to add a little more "oomph" to its output? Maybe a watt or two?

6) Who wants to try to chat once I get this thing running and a dipole up in the trees this weekend?

I'm leaning towards 30M, if possible, or 40M if not; I just don't have room for an 80M half-wave dipole. Also, anyone doing Pixie II mobiling?

Thanks,

Basil, KB5KHR

P.S. Only 32 hours until the new NorCal kit is available!

```
+-----+-----+-----+
| Basil (Darin) Arrick | P.O. Box 820054, North Richland Hills, TX, 76182 |
+-----+-----+-----+
| basil@orthodox.net   | Orthodox Christian   | http://www.orthodox.net |
| basil@homestead.org  | Homesteader/Farmer   | http://www.homestead.org |
| ICQ # 3352463        | ICQ User             | http://www.mirabilis.com |
|                      | Microsoft NetMeeting | ils.family.four11.com    |
|                      | Amateur (Ham) Radio  | EM13ja                   |
+-----+-----+-----+
```

Date: Fri, 17 Oct 1997 04:57:11 -0400 (EDT)
From: n4js@amsat.org
To: njqrp@njqrp.org
Cc: qrp-1@Lehigh.EDU
Subject: [28964] RE: NY/NJ a black fox hole?

Message-ID: <XFMail.971017050103.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

On 17-Oct-97 Heron, George typed:

>Only half in jest, I really wonder if anyone else has been trying to nab
>the foxes and having the same trouble?

I have been hearing the foxii. Tim was very good last night. The only thing was, I had to get up at 4:30AM, so I only tried for about 40 minutes. I followed him down as he QSYed away from QRM, but still couldn't break the pileup in that short time. I heard N2VCO work him...as well as a booming sig from Doc, K0EVZ. I had to quit and go to bed, about the time some QRO station worked him, and Tim had to ask for name, power, etc. I could hear that alarm ringing! (Too old for "all-nighters" any more!)

Sent at 05:01:03 on 17-Oct-97

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00

Date: Fri, 17 Oct 1997 02:20:15 -0700 (MST)
From: Jack Meadows <jackmead@getnet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28965] Fox: I missed NR3Z fox report
Message-ID: <Pine.BSI.3.96.971017021714.20708A-100000@gn2.getnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My server must have missed the posted report for the Oct 9 Fox hunt. Could someone forward it to me? Thanks.
Jack W7QQQ

Date: Fri, 17 Oct 1997 16:37:58 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>

To: qrp@pandora.lugs.org.sg
Subject: [28966] MMIC source?
Message-ID: <344723e6.pandora@pandora.lugs.org.sg>

Hi,

I am trying to build an MMIC based pre-amp for one of my receivers and was wondering if any of you know where I can get hold of some of the MiniCircuits MAR-x series MMICs? I can get them from MiniCircuits but I think their minimum order is something like \$50 and I don't know if I need that many.

I'd appreciate it if someone could point me in the right direction. I am especially interested in the MAR-3SM and MAR-7SM. Thanks.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg |
| 9V1ZV      |                               |
| QRP-L #667 | 9V1ZV@amsat.org                       |
+-----+-----+
```

Date: Fri, 17 Oct 1997 06:51:29 -0400 (EDT)
From: Martin Squicciarini <skitch@resuba.com>
To: Jack Meadows <jackmead@getnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28967] Re: Fox: I missed NR3Z fox report
Message-ID: <Pine.LNX.3.91.971017064913.9488B-1000000@resuba.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have posted (or thought i had) posted my Fox report twice so far. The last time was yesterday afternoon. I will try again when I get home. I apologize to all.

72/73

Marty Squicciarini NR3Z
skitch@resuba.com (home)

On Fri, 17 Oct 1997, Jack Meadows wrote:

> My server must have missed the posted report for the Oct 9 Fox
> hunt. Could someone forward it to me? Thanks.
> Jack W7QQQ

>
>

Date: Fri, 17 Oct 1997 06:52:00 -0400
From: Peter_Simpson@3com.com
To: qrp-1@Lehigh.EDU
Subject: [28968] NOT color blind, just "chromatically challenged"
Message-ID: <85256533.003AE8A4.00@hqoutbound.ops.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii

Gang -

I'll keep it short. I'm so red-green color blind that I failed 8 out of the 10 dotted circles in which you're supposed to be able to see numbers. I see red and green and can identify them as such, _most of the time_. There are some colors that I cannot, for the world, tell apart. Certain shades of red/green/brown and blue/purple look absolutely identical to me. They're colored, but I can't tell them apart. Unfortunately, wire colors and resistor bands seem to use these colors, so I'm never without my trusty DVM.

There was a really good article a few years back in _Scientific American_ which explained that the problem is due to the filtering liquid in the [rods? cones?] in your eye, which is how you see color. There are supposed to be three different colors of liquid evenly distributed among the sensing cells in your retina, and in color blind people, either the numbers aren't equal or the one of the liquids isn't the right color, leaving "gaps in the spectrum". Pretty interesting, and if you know someone who's chromatically challenged, you can have fun testing them to see where the gap is in their color vision :-)

Cheers,
Peter, KA1AXY

Date: Fri, 17 Oct 1997 21:53:52 +1100
From: John Bates <batesjw@netspace.net.au>
To: qrp-L@Lehigh.EDU
Subject: [28969] JOTA 1997
Message-ID: <344743C0.5A2B495@netspace.net.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gidday there all.

Just a reminder to all on the net that Australia is conducting JOTA beginning tonight 17 Oct to Sunday 19 Oct. Will be operating on 20 metres about 2300 UTC 18 Oct so hope to make some sort of contact. Callsign will be VK7SAA whilst in JOTA and my call is of course VK7RT. See you then, hopefully

John

--

batesjw@netspace.net.au
batesjw@southcom.com.au
vk7rt@qsl.net

Phone: 03 6244 8324 (H) 03 6233 3435 (W)
Mobile: 0411 232 670

Date: Fri, 17 Oct 1997 06:06:32
From: Bill Myers <bjmyers@arc.net>
To: "Low Power Amateur Radio Discussions" <qrp-l@Lehigh.EDU>
Subject: [28970] FOX 8-{ NOT
Message-ID: <3.0.1.16.19971017060632.21871c44@mail.arc.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Weird conditions last night here.

I heard almost everyone that got the fox, but NEVER heard the fox. I heard states I haven't worked in months, most were 559 or better...

Maybe it's time to break out the weather balloons and the 1000' roll of wire...

72

Bill KK4KF

Date: Fri, 17 Oct 1997 12:21:10 +0000
From: Gary M - W2UX <MAIL4GARY@worldnet.att.net>
To: QRP-L@Lehigh.EDU
Subject: [28971] Pacificom Hams-What's the Kit???
Message-ID: <19971017122109.AAA19147@GARY>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What is it???

73/72
Gary - W2UX
CW is the REAL THING!
Lexington, SC

Date: Fri, 17 Oct 97 08:35:08 EDT
From: hysell@runner.ko.kodak.com (John D. Hysell)
To: qrp-l@Lehigh.EDU
Subject: [28972] Sept issue of QRPP out yet?
Message-ID: <9710171235.AA19529@runner.kodak.com>

Have I missed the Sept QRPP issue, or are they running late? (Haven't seen mine yet)
thanks
John - KF2XC

Date: Fri, 17 Oct 1997 08:55:11 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:bjmyers@arc.net" <bjmyers@arc.net>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [28973] FOX 8- $\{$ NOT

Message-ID: <199710170856_MC2-2436-40EF@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bill:

Well sorry it did not work out for you last evening, OM!. Tim was loud and clear all evening here in southeast MN (city of Rochester). In fact, he was up there practically all evening, and some guys were *still* calling him at the end. Oh well.

Fortunately there are many more FOXes to be caught before the season ends. Let's go get them!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/38
DXCC 53/42 <>< FOX Total 10/17/97 6 of 6 + 3 of 4 N/T+ FOX.

Icom 651a OMNI V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtch ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Fri, 17 Oct 1997 09:09:18 -0500 (EST)
From: "James C. Owen, III" <owen@piper.eeel.nist.gov>
To: qrp-1@Lehigh.EDU
Subject: [28974] Re: Bad Solder, DX
Message-ID: <32961.owen@piper.eeel.nist.gov>

In message Thu, 16 Oct 1997 23:14:57 -0400 (EDT),
"J. Skalski" <jskalski@acsu.buffalo.edu> writes:

> I came across a tube socket with several wires attached to one of the
> pins. It wasn't a bad solder joint. It was total absence of solder !
> Here was a top of the line rig with great quality control.

Well one could argue if this was great quality control or not. In my book this should never have happened. However, I have seen the same thing on a Hallicrafters SX-115 that I bought a few years back. The notch was

intermittant and what was the problem? A tube pin that had never seen solder.

Now what is great quality control and how is this type of problem prevented? When I worked for Defense Electronics Inc. years ago I never remember having an unsoldered joint on any receiver I worked on. How did they prevent this? I'll tell you how. When a unit came off the assembly line the line inspector looked at EVERY solder joint and with a RED MARKER he RED DOTTED each solder joint. If one was missed it really stood out and if he would try to dot one with no solder there was no area to take the RED DOT so in effect it couldn't be RED DOTTED if it wasn't soldered.

72 Jim K4CGY qrp-1 #72

Date: Fri, 17 Oct 1997 16:36:12 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: cecilp@mail3.bunt.com, QRP-L <QRP-L@Lehigh.EDU>
Subject: [28975] Re: More Info on the Pole
Message-ID: <344769CC.6DB1@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Paul Cecil wrote:

> Hello from Germany,
> Several people wanted more information on the Telescoping Tower and how to
> get hold of DK9SQ. Well here is what I can tell you --
>
> The pole is made of fiberglass in 10 sections. The base section is about 2
> inches in diameter, and each section after that tapers down in size. The
> tip is only about an 1/8 inch in diameter. Most setups that I have seen
> attach a dipole at about the 9 meter point which is about 3/8 of an inch in
> diameter. As to the strength, mine has survived several falls but I don't
> leave it up in high winds. I have seen Herr Spieth attach 2 and 3 element
> (light weight) beams for 2M and 70cm and they stayed up thru out a hamfest,
> even in brisk winds. However, they did wave around alot!!

Perhaps prospective buyer would want to read what I found about these poles on the Web. A Spieth pole was apparently used on a Heard Island Expedition with not so great success.

Point ur browser at: <http://www.aurumtel.com/pilot84.html>

73, oh2zaz

--

Arjen Raateland

Finnish Environment Institute
SAS Support
phone +358 9 4030 0457

Date: Fri, 17 Oct 1997 09:49:53 -0400
From: "David Maliniak" <dmaliniak@penton.com>
To: qrp-l@Lehigh.EDU
Subject: [28976] First FOX!
Message-ID: <85256533.004A67D6.00@mail.penton.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Well, after a couple of years of sporadically listening for foxii and the associated hunts and hearing next to nothing, I finally got on the board. Worked W5FN at about 0330 after listening to him slowly come up out of the noise for about an hour. Yahoo!!!

Setup on my end was a Sierra (2.5 W), W3EDP slung haphazardly (and temporarily) about 50 or 55 feet into the backyard antler tree, and newly constructed Z-match tuner.

All credit goes to Tim on this one. Don't know what kind of antenna he's using, but ordinarily, I wouldn't even *call* a station as light as Tim was. I'd never expect to be heard by so weak a station, especially when using a marginal temporary antenna. I must admit that I was somewhat shocked to hear Tim come back when he did... I just didn't think it was going to happen. I gave him a somewhat generous 339 and he responded with 559 for me, which HAD to be generous. Great job, Tim...thanks!

I've busted QRO pileups to work DX stations and not experienced the thrill I did last night. It's almost 10 am here in NJ and I'm *still* pumped. Took a couple of hours to fall asleep. Foxes are like Lay's potato chips...you can't have just one. Gotta have more!

72 David N2SMH
Glen Rock, NJ

Date: Fri, 17 Oct 1997 09:55:11 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>

To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [28977] Another QRP call is born
Message-ID: <Pine.LNX.3.93.971017095048.746A-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Anyone from the SOUTHERN CALIFORNIA QRP SOCIETY (aka WQ6RP) on the list?
Now why would one of the MDmW's be looking at newly assigned WQ#RP calls?
Hmmmmm... Still waiting.... Congrats guys, hope to hear you on the
air with the new call soon.

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 21/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --

Date: Fri, 17 Oct 1997 06:57:33 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-1@Lehigh.EDU
Subject: [28978] QRPP
Message-ID: <2.2.32.19971017135733.0068d04c@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi,

Someone wanted to know about the September issue of QRPP. The following is
a paste of

a recent posting by Doug Hendricks, KI6DS which explains all.

Guys, the fall issue of QRPP will be later than planned this time. I had
hoped that it would be ready in September, but I got the copy to the
Printer a few days late and missed the printing window both for the
printing and the binding. I was told yesterday that it will be out about
the third week of October.

When QRPP started, we had publication dates of March, June, September and
December. That worked fine when we had a couple of hundred issues to do
and I did them on my kitchen table. As you all know, that has changed.
With membership approaching 2500, QRPP is not a kitchen table operation.
We have had to go to a professional printer and the printer uses a bindry

service. This means that we have to fit into their schedule, and when I miss a deadline, it gets shifted to the next available time slot. George Dobbs, G3RJV is my mentor when it comes to publishing a QRP journal, and he uses the system of Winter, Spring, Summer and Fall issues with no specific date targeted for an issue to come out. George is a wise man. I adopted his system last spring and it is in place now.

Thank you for your patience, it is appreciated.

72,

Doug, KI6DS

There you have it, enjoy,,,72,,,Jerry...WA6OWR...K

Date: Fri, 17 Oct 1997 09:02:04 -0700
From: k1oj@swbell.net
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [28979] FS: OMNI V
Message-ID: <34478BFC.3C9D@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy from Texas Y'all !

The Gulf Coast Ham Convention will be this weekend in Houston, Texas. I have several rigs that will go on the for sale table. One of which is a very clean Ten Tec Omni V. It has all filters installed including the 500hz narrow filter. I am offering it here before I take it to the ham fest tomorrow. If you are really interested, email me now.

<k1oj@swbell.net> I need to know for sure that we work a solid deal before I miss the chance to sell it at ham comm. Sorry to the 'digesters' but this is a last minute thing. Price for the rig is \$1200/you ship.

CU---K10J---OJ

HOUSTON, TX.

Date: Fri, 17 Oct 1997 09:58:19 -0400
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-l@Lehigh.EDU
Subject: [28980] Re:Bad Solder
Message-ID: <34476EFB.23D8@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

My TenTec Paragon has had intermittants now and then over the years, primarily in the various VCO modules. The problems are wierd, like the rig will go out of lock on certain bands but not others.

The cause is the "goop" they put on top of the parts in the modules to mechanically hold them so they won't microphone and for temp stability. This causes them to "work" up and down as the temperature changes in the modules from when its cold (off) and warm (on).

Besides resoldering the connections on the VCO boards I now leave my Paragon "on" 24/7. No VCO problems since doing that.

--

73, Randy WJ4P
Knightlites QRP-L #296

Date: Fri, 17 Oct 1997 09:13:02 -0700
From: David Bixler W0CH <qrp@netins.net>
To: qrp-l@Lehigh.EDU
Subject: [28981] New Fox Team
Message-ID: <34478E8E.61F0@netins.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is the official announcement that a new team has been formed to take up the Fox Team Challenge.

The new team, to be known as the "Fox Nabbers" has been formed by the three expert Fox hunters, W5FN (last night's FOX), K0EVZ and W0CH.

This team is ready, willing and able to take on the competition. Just bring on the Foxes and we will show you how it is done!

Rummor has it that at least one member is stringing rhombic antennas made from real steel electric fence wire. None of that wimpy aluminum or copper stuff.

Look out guys, the Fox Nabbers are coming to town.....

72,

Dave Bixler W0CH
qrp@netins.net

Date: Fri, 17 Oct 1997 10:23:22 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [28982] Re: New Fox Team
Message-ID: <Pine.LNX.3.93.971017102047.746C-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 17 Oct 1997, David Bixler W0CH wrote:

> wire. None of that wimpy aluminum or copper stuff.

Ahh, the MBWR (Macho Barbed Wire Rhombic) ouch! :)
BTW, David you were booming into MD all night, did ya ever get him?

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 21/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --

Date: Fri, 17 Oct 1997 10:30:43 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [28983] FS:New Butternut HF9V/CPK Kit
Message-ID: <199710171032_MC2-2435-8E2@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

I have FS a brand new Butternut HF/V Butternut and Model CPK 277-26.
Both are new, still in their boxes. Bought this setup about a month ago
at AES in Milwaukee. Brought it home, but have decided not to install
it.

Paid over \$300.00 at AES. Will sell for \$265.00 which includes shipping
anywhere in the CONUS. Such a deal!

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqc 414 ARS 311 FISTS 3868 mn-qrp 19
nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS 48/38
DXCC 53/42 <>< FOX Total 10/17/97 6 of 6 + 3 of 4 N/T+ FOX.

Icom 651a Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S
Mercury Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Fri, 17 Oct 1997 09:22:17 -0600 (MDT)
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-1@Lehigh.EDU
Subject: [28984] Colorado QRP FD
Message-ID: <199710171522.JAA08091@ns-1.csn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Colorado again places in the top three of 2A battery, Ski Country ARC from
western Colorado in second and Colorado QRP club from the east slope in
third place. The absence of TX, CA and AZ is noted.

72, Bob KI0G
Ski Country ARC

Date: Fri, 17 Oct 1997 08:55:45 -0700
From: David Adams <adamsclan@netgate.net>
To: QRP <qrp-1@Lehigh.EDU>
Subject: [28985] WTB
Message-ID: <34478A81.E06F4C81@netgate.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings! I'm having a minimum order problem and thought I'd check the list to see if there are any crystal horders about!

I need to make *2* matched sets of 5 10.000mhz crystals (plus two bfo cystals) for a rig I'm building up (ssb/cw 20m). If anyone has a pile of these puppies lying around, I'd be happy to buy them from you...if you are going to pacificon, I'll snag them from you there.

73 de dave, n9uxu

Oh...Santa promised to upgrade my digital camera to the olympus 500-DL, so my photopc 500 is up for sale, \$300. I don't have the LCD adapter, but I do have a 2.0x teleconverter, uv filter, ND filter and 37 to 49mm step up ring. Software for mac or pc...it'll be at pacificon if anyone is interested.

--

David J Adams, N9UXU adamsclan@netgate.net
Amateur Radio, Flow Cytometry, Digital Photography and Parrot enthusiast

<http://ng.netgate.net/~adamsclan>

Date: Fri, 17 Oct 1997 09:35:42 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [28986] Call Sign Assignment
Message-ID: <01BCDAE0.0B8F4740@pps-pc10.gwl.com>
Content-Type: text

Gang,

I've been looking at the assignments of call signs - I'm trying to time my next upgrade to get a good CW call sign. For some reason the FCC has skipped some call signs in the last few weeks and they are not assigned.

This makes it a little hard to project where they will be or when I should take the test.

Any ideas on this?

de KBØROL, Brad

PS I'm shooting for something in the range of KIØKM through KIØKW the only long ones in there are "P" and "Q".

Date: Fri, 17 Oct 1997 11:03:52 -0500
From: Allen Jones <ajones@adsnet.com>
To: qrp-1@Lehigh.EDU
Subject: [28987] Email Problem G-QRP
Message-ID: <3.0.3.32.19971017110352.006ba1f0@206.158.2.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have been attempting to Email a callsign correction to G-QRP without success. The G-QRP members Handbook says to email corrections to <G3PDL@Compuserve.com> or <Graham.Firth@btinternet.com>.

I am using PC Eudora Lite as my email program. Whenever I attempt to send mail to either of those addresses I get an error message which says the address is "Not acceptable to your SMTP server." I've never experienced this problem before. Any ideas?

Thanks

Allen Jones, W9DZ
ajones@adsnet.com
Michigan City, IN

Date: Fri, 17 Oct 1997 09:08:44 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <vole@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28988] Re: Ah, the taste of Foxburger...
Message-ID: <199710171608.LAA18981@multi13.netcomi.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Joe Gervais <vole@primenet.com>
> KU7Y, K1MG and WE6W get the 599+ Award in my shack.
> Yeeks - what the heck are you guys using? Couldn't
> have been aluminum. Must've been sneaking a neighbor's
> copper antler.... :-)

Aw shucks, it were just that old aluminum lawn chair that Bubba sat in an' broke. I jus' tossed it up the top of an ol' redwood tree and tuned 'er up.

Congratulations to the copperheads on your clean sweep. I knew you'd be able to do it once the Aluminum Allies showed you how it was done. Can you spell 'second place'? I knew you could.

You were 599 here also. Must have had a pipeline in the ether.

Good luck, Joe.

Well, must QRT now - got to go rent a truck - got another shipment of aluminum coming in.

Mike K1MG

Date: Fri, 17 Oct 1997 12:11:47 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [28989] Cloud Burners
Message-ID: <Pine.SOL.3.94.971017120856.17709A-1000000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

W8MKW posed a few questions to me about cloud burners for 75 meters. In trying to find some answers, the notes seemed of more general interest, so

I put them at the site. Look for notes on (what else?) Cloud Burners.

Hope they are of some use.

-73-

LB, W4RNL

L. B. Cebik, W4RNL /\ /\ * / / / (Off) (423) 974-7215
1434 High Mesa Drive / \/ \/ ----/\---- (Hm) (423) 938-6335
Knoxville, Tennessee /\ \ \ / / || / (FAX) (423) 974-3509
37938-4443 USA / \ \ || cebik@utk.edu
 URL: <http://funnelweb.utcc.utk.edu/~cebik/radio.html>

Date: Fri, 17 Oct 1997 09:13:10 -0700
From: Bob White <bobwhitewo3b@geocities.com>
To: qrp-l@Lehigh.EDU
Subject: [28990] Gap antennas
Message-ID: <34478E96.78B@geocities.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have any experience with Gap antennas? I am thinking of purchasing one since I don't have enough room out here in CA to put up a wire antenna. Right now I am using a W6MMA SLV as my main antenna.

Bob
W03B

Date: Fri, 17 Oct 1997 12:28:01 -0400 (EDT)
From: Philip Karras 827-2956 <PXK4@CDRH.FDA.GOV>
To: ccart@dns.vidtel.com, qrp-l@Lehigh.EDU
Subject: [28991] RE: NiMH charging?
Message-ID: <C40ZXBNHU33R*/R=FDADR/R=A1/U=PXK4/@MHS>
MIME-version: 1.0
Content-type: TEXT/PLAIN; CHARSET=US-ASCII

Chris & the group. I'll put my two-cents in here. Just a quick note of where I'm coming from. I've worked with NiCds professionally for Gardner Labs back in the late 70's and have kept track of batteries ever since. Tho' not nearly as in depth as someone in the field.

So, that said, I'll state a NiCd axiom, which probably holds true for NiMH as well. You can not make a good pack from two or more dead ones. This is because the cells in all packs are pre-selected to have matching charge/discharge characteristics (CDCs). For the "cheap" packs we buy for our radios and computers the match is not great, which is why they are only stated to last 100 to 200 cycles.

Since they are "matched" and since the "good" cells come from different packs, the basic conclusion is that the new combined pack will be made up of cells with different CDCs and thus will fail quickly.

I will end with the statement that I have tried the same thing on numerous occasions and found that the only way to make it work was to charge each sub-pack or even cell individually. Since I don't have the time to waste on such an endeavor I've stopped trying to make these types of silk purses out of the leftover sows ears.

Sorry for the bucket of cold water. Good-luck with it and if it turns out better than my NiCd experiences please let me know! Last a word of advice, mark the cells so you know which go together, just in case you have to resort to charging each set separately.

73 & 72 de KE3FL
Phil K

Date: Fri, 17 Oct 1997 10:51:18 -0600
From: Brad Mugleston <bmug@gw1.com>
To: "'flyfish@ptialaska.net'" <flyfish@ptialaska.net>
Cc: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [28992] on the air and hooked!
Message-ID: <01BCDAEA.9BDBB180@pps-pc10.gw1.com>
Content-Type: text

John, its NO FAIR,

Your first QSO and you get Hawaii, NO FAIR, I demand a recount!!!.

Boy are you hooked, after reading your Post on 10/13 (I got mine digest version) it sounded a lot like my first QSO and a lot of others too!

Welcome to the group and join in the foxes.

De KBØROL, Brad

Date: Fri, 17 Oct 1997 10:50:43 -0700
From: "Eric Swartz (WA6HHQ)" <erics@cruzio.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: Wayne <svecbrdk@well.com>, erics@elecraft.com
Subject: [28993] NEW QRP Product at <http://www.elecraft.com>
Message-ID: <3447A572.85C9D889@cruzio.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

N6KR and I will be describing a new QRP product at the Pacificon QRP Symposium this weekend.

You can check out <http://www.elecraft.com> for additional info.

72, Eric WA6HHQ

Date: Fri, 17 Oct 1997 10:04:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-l@Lehigh.EDU
Subject: [28994] Field Day '97 Results
Message-ID: <M2101139.017.71nin.1.971017185031Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Well, it's that time again. Just called ARRL for the results, as my November QST hasn't come yet.

FOR THE 14TH YEAR IN A ROW (!) the Alameda County Radio Club has successfully defended first place in Class 8A Battery. Operating under the call of N6WG, we finished with a score of 9345 points.

Ol' Kenwood modestly points out that he was the biggest point earner.

We are still short of our goal, 10,000 points, but summer '98 just may be the year, what with better conditions coming.

We gratefully acknowledge the efforts of our guest operator Bob White, W03B, who helped coax Ol' Kenwood to his outstanding performance. It takes quality ops to get that quality performance.

73, and C U all in FD '98.

Bob N6WG and Ol' Kenwood

Date: Fri, 17 Oct 1997 9:50:00 -0500
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
To: qrp-1@Lehigh.EDU
Subject: [28995] Fox: At Last!!
Message-ID: <M2101138.016.7lnim.1.971017185030Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Boy, Tim, was I glad to catch you last night. Been a bit of a dry spell. What with poor propagation for my QTH, and some business travel, I've missed foxes 2 through 5. Glad to be back in the game.

Got off the plane from San Diego about 7:20 PM and within an hour was chasing fox. Your signals were up and down (sound familiar?) but it only took 10 minutes before we caught you at 8:30 PM. Not a bad life.

Ol' Kenwood's happy again. What with working you, and the full moon last night, he had a howling good time :-)

Now to start looking for some N/T foxes to give'em equal time.

73, Bob N6WG and Ol' Kenwood

Date: Fri, 17 Oct 1997 13:52:16
From: "Adam B. Kanis" <adam-kanis@uiowa.edu>
To: qrp-1@Lehigh.EDU

Subject: [28996] tek 561a scope info
Message-ID: <3.0.3.16.19971017135216.3dd790b8@mo1sun.opth.u1owa.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

hi,

for those of you not on their way to pacificon, can anybody give me a quick bit of info on a Tektronix 561A o-scope with a 3A72 dual trace amp & 3B4 time base?

I lucked into a free one, and will check it out quickly tonight, but would like to know if there is anything i should know before. would also like peoples opinion of this scope. I already have a working 465, and will have to make decisions about what to do with this scope (ie, keep or trade for something, i don't sell things i get for free).

tia and 73,
--adam, n2brt

=====
Adam B. Kanis, N2BRT EMail: adam-kanis@uiowa.edu
QTH: Wellman, IA (near Iowa City) EN41ck
OHR-100 40m : Carolina Beam Oriented N/S : Straight Key
ARRL : QRP-ARCI : GQRP : QRP-L : NorCal : CQC : SEITS
=====

Date: Fri, 17 Oct 1997 13:03:47 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: qrp-l@Lehigh.EDU, cqclist@lists.csn.net
Subject: [28997] Re: Field Day '97 Results
Message-ID: <199710171903.NAA15513@bobcat.sni.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

>> Radio Club has successfully defended first place in
 Class 8A Battery. <<

Wow! And against one (1) whole competitor! Why not come up to 2A
Battery with the real competitors? [g]

73

Marshall Emm
N1FN/VK5FN

n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com/mthome>
(303)752-3382
--

Date: Fri, 17 Oct 1997 15:04:04 EDT
From: n4so@juno.com (charles k brown)
To: qrp-l@Lehigh.EDU
Subject: [28998] Callsign Assignments
Message-ID: <19971017.020038.7495.7.n4so@juno.com>

Some of you are asking about Callsign Assignments.
The latest FCC callsign assignments are sent out by the
ARRL every couple of weeks or so.
To get this and DX Bulletins, Propagation Bulls. and FCC actions you need
to subscribe to the ARRL list.
Ask for list.txt and I will send you the info.

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

Date: Fri, 17 Oct 1997 14:19:19 -0500
From: "Kevin Muenzler - WB5RUE" <wb5rue@stic.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [28999] Re: Callsign Assignments
Message-ID: <01bcdb31\$90ffe0a0\$d8016f81@muenzlerk.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: charles k brown <n4so@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Friday, October 17, 1997 2:09 PM
Subject: Callsign Assignments

>Some of you are asking about Callsign Assignments.
>The latest FCC callsign assignments are sent out by the
>ARRL every couple of weeks or so.
>To get this and DX Bulletins, Propagation Bulls. and FCC actions you need
>to subscribe to the ARRL list.
>Ask for list.txt and I will send you the info.
>
>Ken Brown, N4SO
>QTH nr Mobile, AL/ EM50tk
>qrp-1 #622
>n4so@juno.com
>

Or, if you have lots of time on your hands (and disk space) you can download the data directly from the FCC. If you are just interested in callsigns you can get the entire list of allocated calls by downloading the file INDIV.ZIP and unzipping it.

The data can be found at ftp://ftp.fcc.gov/pub/XFS_AlphaTest/amateur
This file is around 2 or 3 meg usually and unzips to about 14 meg. If you want callsign/name/address... you can download appl.zip which has everyone's name, address, license date, expiration, etc. It is usually around 23 meg and unzips to around 80 meg.

have fun

Kevin, WB5RUE

Date: Fri, 17 Oct 1997 14:23:37 -0500
From: tahrens1@juno.com (Timothy H Ahrens)
To: qrp-1@Lehigh.EDU
Subject: [29000] W5FN FOX Report - Long
Message-ID: <19971017.142338.12398.3.tahrens1@juno.com>

What a night! Haven't had that much of a rush since I had two Milky Way bars & a large Coke!

The old 'fox fever' hit me about 1pm, so I 'needed' to come home & checkout the station (you know, just to be sure)!! Boy, what a beautiful day in central Texas... hope the band is as good as it's been the last couple of evenings (really quiet, since this big high pressure cell is over us).

Got all the daddy things done about 1/4 till post time, and then retreated outside to the shack (the xyl kicked me out about a year ago... had to buy that portable bldg & finish out inside! :-)) Now it can be as messy as I seem to require!

Anyhow, tuned up the rig & checked out the antennas.. all set... now, 7036.. hey, what's all this noise below 7040?

TTY Packet, & just generally junk. Oh well, hey 7043 looks pretty quiet! Here we go! It took a couple of CQs before the pack found me... boy, you guys really have good noses! (I can say guys, cuz no YLs are in the log)! The pace was pretty fast.. I hope that everyone could copy me ok.. about the 1st half hour the fist was kinda shakey.. lotsa adrenaline! About a half hour into the fray a really wierd wideband noise came on, & I couldn't hear anything!.. so, here we go.. I went down a bit.. I hope I wasn't too close to 7040.

Anyhow, I tried to keep things friendly, a chit chat here & there, name recognition sometimes, etc

The band seemed to be in really good shape. I switched the antenna around a lot, so my signal might have been up and down for folks.. you might have thought it was QSB, but once I was working a station, I saw very little QSB on that particular signal.

Everyone was very well mannered!! Thank youall very much. It's nice to see folks standby, even when they can't hear the other hunter. You folks are great!

Even stood by a couple of times for you Jim... but the AK/TX path wasn't there. For the really weak stations i.e. dx, etc.. it's really hard to pull you out through the din... hey, maybe during the hunt, we should standby every 15 minutes or so for a little, to see if any dx stations want to play. Just a thought.

Had a couple of QRO stations jump in.. guess they thought they'd get a nifty prize to work the Fox! Had to ask for full reports (explain what I wanted) to about 4 different stations, but it was no problem. Maybe they'll start playing with us.

It was great up until the very end.. as I ran out of time, I ran out of signals too! I would be interested to see how many stations tried, but couldn't get through. If you get a minute, drop me a private e-mail. I don't guess I believe that I worked all that tried. But, 81 of you guys did get a

fox pelt!

Thanks again to all who tried, & Chuck for letting me take up the slack for someone who had to drop out. (sorry chuck, didn't hear you at all).. Matter of fact, only got two Texas stations, and that was toward the end when there weren't that many stations.

If I got anything wrong, please let me know, and I'll correct. I'll wait till Tuesday or so to post the 'official' results to Chuck, to let all of you recuperate from Pacificon!

thanks again

Tim W5FN

Here's the count:

CA	19
AZ	7
MN	5
WI	5
NM	2
TX	2
CO	4
ON	2
UT	2
KY	1
IN	3
OH	3
BC	1
NV	2
MI	4
ID	1
NC	1
IA	1
SK	1
VA	1
NC	1
SC	1
IL	3
MD	2
NY	1
NJ	1
CT	1
PA	1
GA	1
AL	1
GULF OF MEXICO	1

#	TIME	CALL	SENT	RCVD	STATE	NAME	#/PWR
1	200	KA80KH	579	549	KY	RICH	933
2	201	VE3ELA	559	559	ON	KEN	1226
3	201	NI0A 579	589	MN	JOHN	689	
4	203	NQ7X 589	559	AZ	FLOYD	343	
5	205	AB7ST	559	459	UT	BOB	129
6	206	WD4MSM	569	559	IN	BARRY	642
7	208	AF9T 559	579	WI	JOHN	1022	
8	209	N6XU 579	569	CA	STAN	66	
9	210	K50N 559	599	NM	GARY	770	
10	211	W7QQQ	559	559	AZ	JACK	1210
11	213	K0EVZ	559	579	MN	DOC	861
12	214	VE7CQK	579	559	BC	PAUL	20
13	215	KB8AZ	579	579	OH	MIKE	449
14	217	N0TFI	559	459	CO	JESS	1232
15	218	VE3JC	559	559	ON	JOHN	744
16	220	KU7Y 579	559	NV	RON	17	
17	221	K8CV 569	559	MI	WALT	935	
18	222	AB7TK	559	559	ID	RANDY	164
19	225	N9DD 579	569	IN	TOM	32	
20	226	WA9PWP	579	579	WI	PAUL	127
21	227	W6EMT	559	589	WI	ROY	369
22	229	WD8KQY	569	559	OH	GARY	446
23	230	K2VCO	559	559	CA	VIC	725
24	232	WB4EXW	559	589	NC	WATSON	5W
25	234	WB0T 559	569	IA	JERRY	1268	
26	235	K1MG 559	559	CA	MIKE	614	
27	237	KB8MCZ	559	549	WI	DAVE	100w
28	240	VE5RC	569	339	SK	BRUCE	886
29	241	N4ROA	559	559	VA	DAN	970
30	243	NA5N/7	559	559	NV	PAUL	38
31	245	KU4AF	559	559	NC	JOHN	987
32	247	W2UX 559	559	SC	GARY	593	
33	249	KB9IUA	559	559	IL	KEVIN	384
34	250	K8DD 559	559	MI	HANK	246	
35	252	W6SU 559	559	CA	JOHN	48	
36	253	K50I 559	559	NM	TIM	73	
37	255	W6ZH 559	579	CA	PETE	257	
38	256	AC6KW	559	559	CA	JEFF	16
39	257	AB7TT	589	579	AZ	JOE	191
40	259	WA6NAE	559	559	CA	DWIGHT	5W
41	259	W03B 569	569	CA	BOB	195	

42	301	AA6R	559	559	CA	GARY	406	
43	302	N0HJ	559	579	CO	JOHN	219	
44	303	NN9K	559	559	IL	PETER	5	
45	305	W00Q	559	559	CO	MARTY	793	
46	307	WD3P	559	449	MD	LARRY	1039	
47	308	AA2PF		559	559	NY	DAVE	306
48	310	KJ3V	559	559	AL	LYNN	1227	
49	312	W1LP/MM		569	599	GULFMEX	CLINT	869
50	313	NF9K	559	589	MN	JOEL	1233	
51	315	W8KC	569	569	MI	PAUL	59	
52	316	AA0ZZ		589	589	MN	CRAIG	1238
53	318	K4WZ	599	599	GA	RON	924	
54	319	AB7MY		579	579	AZ	GARY	571
55	320	N9KW	589	599	IL	JOHN	1259	
56	321	W9DZ	579	579	IN	ALLEN	112	
57	323	N7VE	589	559	AZ	DAN	5W	
58	324	AB7OA		569	579	AZ	KENT	57
59	325	N7GS	569	569	MT	MAL	815	
60	327	W7GVN		559	569	AZ	ROD	849
61	328	N6WG	569	559	CA	BOB	26	
62	329	N2SMH		559	539	NJ	DAVID	74
63	331	WQ8RP		569	569	MI	HANK	246
64	333	AC6LA		559	559	CA	DAN	515
65	334	WE6W	559	569	CA	ED	106	
66	335	K0GJX		569	579	MN	CHUCK	5W
67	336	KB0ROL		559	339	CO	BRAD	316
68	337	KC8EPA		599	599	OH	ALAN	100W
69	339	WW7Y	569	559	UT	STEVE	94	
70	341	AB6AY		559	459	CA	DAVE	92
71	342	AA1MY		559	559	CT	SEAB	576
72	344	WA6GER		569	559	CA	JIM	738
73	346	N5ALO		559	449	TX	BILL	415
74	349	KA3CAJ		559	559	MD	DAVE	245
75	352	KA3WMJ		559	559	PA	KEN	355
76	353	KF6CTA		559	559	CA	DICK	951
77	354	W6BAB		559	559	CA	HARVEY	5W
78	355	W6SIY		559	559	CA	KEITH	675
79	356	K6VZ	559	559	CA	GARY	919	
80	357	KJ5VW		559	579	TX	GARY	227
81	358	W6EMD		559	559	CA	DAVE	294

Date: Fri, 17 Oct 1997 15:30:37 -0400
 From: "Bob Kellogg" <ae4ic@nr.infi.net>
 To: "qrpforum" <qrp-l@Lehigh.EDU>
 Subject: [29001] Pixie II - Surface mount

Message-ID: <199710171933.PAA00054@mh004.infi.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

WOW!

The response to my query about a Surface Mount Pixie II kit has been surprisingly good. Apparently there are a lot of would-be surface mounters out there. I'd better give you some more information.

The beta version of the board has been designed and in the next few weeks we will build and test 4 or 5 Pixies. We must order some parts, so it will take a little while. Please have patience. This will be the first offering from the Knightlites, and we want to do it well. (we have others under consideration)

As it stands now, the first version has been built and tested. If you checked into the Knightlite net last Sunday, you may have heard it.

The board size is 1.7" X .875". (about the size of two quarters, side by side) This is the Pixie with the W1FB mods. (not the audio filter) It will be a fairly simple, inexpensive, small parts count SM project.

I'd guess it will be ready near the first of the year.

This version will be for 80 Meters.

We are considering the possibility of offering a companion board which will accomodate a T1ck/K1EL keyer, thus making sidetone and keyer an optional part of the package. (still small enough to fit in a 9V battery case)

We plan to include comprehensive instructions: (1) for the rig, (2) for a simple holding device which will assist assembly, (3) general recommendations for handling SM devices, and, (4) some spare parts for practice soldering.

CUL,

Bob Kellogg, AE4IC, Greensboro, NC

Prolably, but not nececelery. -- Benny Hill

Date: Fri, 17 Oct 1997 13:03:47 -0700

From: Vic Rosenthal <rakefet@rakefet.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [29002] Re: W5FN FOX Report

Message-ID: <3447C4A3.225456AD@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Timothy H Ahrens wrote:

> About a half hour into the fray a really wierd wideband noise
> came on, & I couldn't hear anything!.. so, here we go.. I went
> down a bit.. I hope I wasn't too close to 7040.

I heard it, too. Sort of bzzzzt bzzzzt bzzzzt kind of thing. At first I thought a local KW was tuning up, but kicked in the attenuators etc. to no avail. Then I figured it was some kind of local electrical device. Guess not.

When you moved, it sort of thinned out the pileup a bit while the gang looked for you, which was more or less when I sneaked in. Thanks!

Vic K2VCO
Fresno CA

Date: Fri, 17 Oct 1997 16:00:14 -0400
From: "W. D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:Bob_Tellefsen-CNSE97@email.mot.com" <Bob_Tellefsen-CNSE97@email.mot.com>
Cc: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [29003] Fox: At Last!!
Message-ID: <199710171603_MC2-2447-A51A@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Bob:

Well good news finally, really good news! Congratulations. BTW, how "old" is Ole Kenwood, anyway?! Been hearing about him for a long time, and am just wondering.

Looks to me like he is really a Minnesotan. After all, he is called "Ole", a very common name here. In fact, many Norwegian guys are called Ole. And many of them are quite good hunters. Perhaps this is why Ole Kenwood (really a "strange" Minnesota name, taken together) is such a good

hunter--it is in his bloodline.

Anyway, don't let that Norwegian Foxhound get away. And if he ever sires any pups, could I have my pick of the litter? Seems to me a Norwegian dog might be happiest here in Minnesota.

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cqc 414 ARS 311 FISTS 3868
mn-qrp 19 nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL
Charter Member of FOX Nabbers WAS 48/40 DXCC 54/43 <><
FOX Total 10/17/97 = 6

Icom 751a Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S Mercury
Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"

--A. Einstein

Date: Fri, 17 Oct 1997 15:39:07 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [29004] How do you clean your aluminum ant elements?
Message-ID: <199710171936.PAA19866@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Have a friend who has an 11 year old trap vertical that needs cleaning.

What stuff do you recommend to clean the aluminum?

THanks for info.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Fri, 17 Oct 1997 13:21:07 -0700 (PDT)
From: camqrp@cyberg8t.com (Cam Hartford)
To: qrp-l@Lehigh.EDU
Subject: [29005] Fall QSO Party Teams
Message-ID: <199710172021.NAA07981@key.cyberg8t.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group -

I now have Team Wisconsin and the NJ QRPeaNUTS. Lets see, cheese and peanuts. We need someone to supply the beer.

Have a good Party. I'll be up in NoCal shmoozing with the Pacificondors. I expect the usual pile of logs when I return.

72/73,

Cam N6GA

Date: Fri, 17 Oct 1997 16:07:17 -0400
From: "W. D. Lindsey" <70511.3041@compuserve.com>
To: charles k brown <n4so@juno.com>
Cc: "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [29006] Re: FOX 8-{ NOT
Message-ID: <199710171610_MC2-243F-F5E7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Ken:

I got him at 0213Z right on 7043.5. Tim was really booming in at that time (Rochester, MN, in the SE corner of the state) and the pileup was fierce with hungry hunters. As I recall, he was at 7040.3 right at the end of the hunt.

Can hardly wait to see his log, because from what I could hear, he was busy practically all night. There were still at least 3 hunters still yelping right to closing bell. And Tim was perhaps even a little stronger at that point.

72/73,

--Doc/K0EVZ qrp-1 861 norcal 2050 cqz 414 ARS 311 FISTS 3868
mn-qrp 19 nj-qrp 69 ak/qrp 139 AR QRP 73 ARCI 9398 ARRL WAS
48/38 DXCC 53/42 <>< FOX Total 10/17/97 = 6 + 3 of 4 N/T+

Icom 651a Omni V Sierra Argo 515 Norcal 40a SW-40 49er 38S Mercury
Paddles Emtech ZM-1 MFJ 259 MFJ 941D GAP TNT/2 Windom
SLV/W6MMA G5RV Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"

--A. Einstein

Date: Fri, 17 Oct 1997 13:24:45
From: Dan Hogan <dhhogan@lightside.com>
To: qrp-1@Lehigh.EDU
Subject: [29007] 49er
Message-ID: <3.0.1.16.19971017132445.387f00ea@mail.lightside.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Someone asked me for a copy of the 49er manual. I finally found it. BUT, I had a Hard Drive crash and I lost almost all my data. If you still want a copy Email me your USPS address.

Dan Hogan WA6PBY
dhhogan@lightside.com

Date: Fri, 17 Oct 1997 13:55:45 -0700 (PDT)
From: "S. Lee" <slee@u.washington.edu>
To: "Eric Swartz (WA6HHQ)" <erics@cruzio.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [29008] Re: NEW QRP Product at <http://www.elecrafter.com>
Message-ID: <Pine.A41.3.95b.971017135100.140036A-100000@homer38.u.washington.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Went to the web page and saw a message stating:

"This page will be updated shortly with details on what we're up to."

de AB7HI, Stephen Lee, Federal Way, WA
slee@u.washington.edu

On Fri, 17 Oct 1997, Eric Swartz (WA6HHQ) wrote:

> Hi,
>
> N6KR and I will be describing a new QRP product at the Pacificon QRP
> Symposium this weekend.
>
> You can check out <http://www.elecrafter.com> for additional info.
>
> 72, Eric WA6HHQ
>
>
>
>
>

Date: Fri, 17 Oct 1997 15:59:21 -0500 (CDT)
From: Adrian Weiss <aweiss@sunflowr.usd.edu>
To: QRP-L@listserv.lehigh.edu
Subject: [29009] JOY OF QRP Orders -- WOW!
Message-ID: <Pine.SOL.3.94.971017155522.13806C-100000@sundance>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang!

I'm swamped with orders! Thanks so much for the great response to the new JOY OF QRP! I'm overwhelmed and my right hand is going numb from numbering and autographing.

Here's the bad news -- we ran out of numbers today. So, if you want me to autograph anyway, just say so in your order and I'll keep scribbling.

Now I have to run down to the P.O. -- then get back and quickly put up my antenna for this weekend. It blew down back in an April blizzard. Then, in July, half of my tree blew down in a 75mph storm. So, I'm not in the best of situations.

Hope to see a bunch of you on the air!

73, Ade W0RSP

Date: Fri, 17 Oct 97 21:04:24
From: "Larry Wise KA5T" <lewise@inetport.com>
To: "qrp" <qrp-1@Lehigh.EDU>
Subject: [29010] Home...
Message-ID: <199710172106.QAA01531@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Just got home Gang:...

Sorry had to cancel Wyo due to wx

More info to follow after out to dinner...

File of QSLs....

Date: Fri, 17 Oct 1997 16:58:36 -0400 (EDT)
From: n4js@amsat.org
To: Vic Rosenthal <rakefet@rakefet.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [29011] Re: W5FN FOX Report
Message-ID: <XFMail.971017170007.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

On 17-Oct-97 Vic Rosenthal typed:

>Timothy H Ahrens wrote:

>

>> About a half hour into the fray a really wierd wideband noise
>> came on, & I couldn't hear anything!.. so, here we go.. I went
>> down a bit.. I hope I wasn't too close to 7040.

That noise about blew me away here in NJ, too. Wonder what it was?

(And shame on you, Vic. When I heard Tim work you, I thought you were in NJ or NY and I got my hopes up!!)

Sent at 17:00:07 on 17-Oct-97

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ | n4js@qsl.net NJ Grid:FM29LN
| . ' | | _ _ | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
```

Date: Fri, 17 Oct 1997 14:01:00 -0500

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: KU4IT@juno.com, qrp-l@Lehigh.EDU

Subject: [29012] QRP++

Message-ID: <M2101725.004.7tf76.1.971017213803Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

David:

I have an original QRP+ that went through the board upgrade, making it the same as a new ++, so I hope my comments will be of some use to you.

In general, I like the little rig. I take it with me on vacation trips because it is small, and packs a lot of capability in a small box.

At home, I use it for ragchewing if conditions are decent, because I really like the QSK in it.

Selectivity isn't all it's cracked up to be, however. The SCAF does a decent job, but not outstanding. I almost always have my Timewave DSP59+ at least on line, if not actually working with a narrow filter setting. Sometimes I just use the DSP59+ for noise reduction if no serious QRM needs filtering.

The AGC sucks, to be blunt. I have added an RF (really IF) gain control which gives me much more control over the receiver performance on cw.

A number of mods for the + and ++ have been written up by Larry, W1HUE/7. If you are comfortable going inside the rig, they might make it more attractive for you.

One thing I've done which gives me some flexibility is to open up the audio chain. I removed a coupling capacitor between the product detector and the first AF amplifier, and replaced it with two coupling caps twice the size. I then brought these out of the rig on RG174 coax as shielded wire so I can insert audio filtering of my choice, even before the SCAF. It does help, sometimes even a lot.

Before recommending or condemning the ++, I'd want to know more about what your desires in a QRP rig are. For example, I don't use the ssb aspects of the ++, so that's a waste for me. If you don't plan to use the ssb features either, a cw only rig would make more sense. I think that just about points you at a kit or homebrew approach. I don't think there is much out there in a manufactured multiband cw only transceiver product. At least I don't recall any. Others may have more info on that.

Your inquiry is not uncommon, but I need more information before I'll be comfortable pointing you to something specific.

73, Bob N6WG and OI' Kenwood

Date: Fri, 17 Oct 1997 17:36:30 -0400 (EDT)
From: Ronald Hands <rhands@hwcen.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [29013] 38S mods
Message-ID: <Pine.GS0.3.96.971017173427.8057A-1000000@james.freenet.hamilton.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Can someone point me to the latest and greatest compilation of mods, fixes, etc. for the 38 Special kits? (I'm not building one, but a friend who is not on QRP-L is about ready to start on his kit.)

TIA

Ron VE3SP
Hamilton, Ontario
rhands@hwcen.org
QRP #464 CQC #362 ARRL

Date: Fri, 17 Oct 1997 16:38:35 -0500
From: "Owen 'OJ' Quarles" <k1oj@swbell.net>
To: qrp-l@Lehigh.EDU
Subject: [29014] FS: Omni V
Message-ID: <3447DADB.325@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The rig is sold....Thank You
OJ..

OWEN'OJ'QUARLES <k1oj@swbell.net>
HOUSTON, TEXAS QRP-L #732
ARCI #9492 AR QRP #64 CQC #476
CW OR CB, ITS YOUR CHOICE!

Date: Fri, 17 Oct 1997 14:40:18 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [29015] PIN diode info
Message-ID: <19971017.144018.3990.2.gsurrency@juno.com>

Gang,

I'm trying to find some sources for PIN diodes and I'm not having much luck. I can get the low voltage kind, like the MPN3404 and NTE553, but I'm looking for some PIN devices that have breakdown voltages of 100 volts or so. The low voltage guys will just go POP!, even at QRP levels of ~ 5 watts. <:-o

Yeah, I know these things are expensive, but I can't even find them! :-)

Is everybody just using 1N4007's, a' la 38S, for this or what?

Any tips on sources for these parts would be greatly appreciated. :-)

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Fri, 17 Oct 1997 17:46:53 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: Adrian Weiss <aweiss@sunflowr.usd.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [29016] Re: JOY OF QRP Orders -- WOW!
Message-ID: <Pine.LNX.3.93.971017173645.1766A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 17 Oct 1997, Adrian Weiss wrote:

> I'm swamped with orders!

Rule # 1) Never complain about business being too good :)

> Here's the bad news -- we ran out of numbers today. So, if you
> want me to autograph anyway, just say so in your order and I'll
> keep scribbling.

I ordered two of "Joy" and one of "History", if you've already signed them both, then just send me one numbered and scribbled and one non scribbled, that way someone else can get a signed and numbered copy share the wealth so to speak. If neither have been signed, could I impose on you to scribble in one of them?

I sent the order out on the 11th so it might still be on it's way. If this makes no sense at all, please call me at home at 800-337-8455 and I'll try to clear it up. 72 es tn timer

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 21/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --

Date: Fri, 17 Oct 1997 17:51:52 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [29017] Re: JOY OF QRP Orders -- WOW!

Message-ID: <Pine.LNX.3.93.971017174730.1766B-1000000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Sorry, obviously that should not have gone to the list. <groan>
And please, don't everyone call me at once :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --

End of QRP-L Digest 881
